

Datasheet for ABIN2776770
anti-SERPIND1 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	SERPIND1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Cow, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SERPIND1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SERPIND1
Sequence:	VSMMQTKGNF LAANDQELDC DILQLEYVGG ISMLIVPHK MSGMKTLEAQ
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SERPIND1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SERPIND1
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Target Details

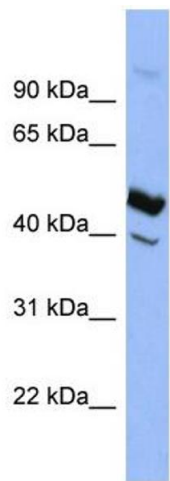
Alternative Name:	SERPIND1 (SERPIND1 Products)
Background:	The product encoded by this gene is a serine proteinase inhibitor which rapidly inhibits thrombin in the presence of dermatan sulfate or heparin. The gene contains five exons and four introns. This protein shares homology with antithrombin III and other m Alias Symbols: D22S673, HC2, HCF2, HCII, HLS2, LS2 Protein Interaction Partner: APP, Nedd4, F2, SERPIND1, ELANE, CTSG, Protein Size: 499
Molecular Weight:	55 kDa
Gene ID:	3053
NCBI Accession:	NM_000185 , NP_000176
UniProt:	P05546

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 499 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-SERPIND1 Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: THP-1
cell lysate